

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  <b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER <b>BEN-SASSON13A</b>
		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <div style="font-size: 1.5em; font-weight: bold;">10 526533</div>
INTERNATIONAL APPLICATION NO. <b>PCT/US2003/027332</b>	INTERNATIONAL FILING DATE <b>September 3, 2003</b>	PRIORITY CLAIMED <b>September 3, 2002</b>
TITLE OF INVENTION <b>SHORT PEPTIDES FROM THE '2<sup>ND</sup> LOOP' OF 7 TRANSMEMBRANE RECEPTOR WHICH SELECTIVELY MODULATE SIGNAL TRANSDUCTION</b>		
APPLICANT(S) FOR DO/EO/US <b>Shmuel BEN-SASSON et al.</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f) ) as soon as the application is in order for such purpose and the applicable requirements of 35 U.S.C. 371(c) have been complied with.</li> <li>4. <input type="checkbox"/> The US has been elected (Art 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))                         <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not transmitted by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).                         <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))                         <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> <p><b>Items 11. to 16. below concern document(s) or information included:</b></p> <ol style="list-style-type: none"> <li>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An Assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input type="checkbox"/> A FIRST preliminary amendment.</li> <li>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li>17. <input type="checkbox"/> A computer-readable sequence form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4)</li> <li>20. <input checked="" type="checkbox"/> Other items or information:                         <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Courtesy copy of the International Application as filed.</li> <li><input checked="" type="checkbox"/> Courtesy copy of the first page of the International Publication (WO 2004/022576 A2).</li> <li><input checked="" type="checkbox"/> Formal drawings, 18 sheets, Figures 1A-18.</li> <li><input checked="" type="checkbox"/> Paper copy only of Sequence Listing.</li> <li><input checked="" type="checkbox"/> The application is (or will be) assigned to:  <div style="text-align: center; margin-top: 10px;">                                 Children's Hospital whose address is                                  Intellectual Property Office, 300 Longwood Avenue, Boston, MA 02155                                  and                                  Yissum Research Development Company of the Hebrew University of Jerusalem whose address is                                  Hi-Tech Park, Edmond J. Safra Campus                                  P.O. Box 39135                                  Givat Ram, Jerusalem                                  91390 Israel                             </div> </li> </ul> </li> </ol>		

U.S. APPLICATION NO. (If known, see 37 CFR 1.51) <b>10,526,533</b>		International Application No. <b>PCT/US2003/027332</b>		Attorney's Docket No. <b>BEN-SASSON13A</b>																													
<b>21. The following fees are submitted:</b>  <div style="margin-top: 10px;"><input checked="" type="checkbox"/> <b>a) BASIC NATIONAL FEE (37 CFR 1.492(a)).....\$300.00</b> <input type="checkbox"/> <b>b) SEARCH FEE (37 CFR 1.492(b))</b>     <input type="checkbox"/> US was International Searching Authority.....<b>\$100.00</b>     <input type="checkbox"/> Other ISR provided to USPTO.....<b>\$400.00</b>     <input type="checkbox"/> All other situations.....<b>\$500.00</b> <input type="checkbox"/> <b>c) EXAMINATION FEE (37 CFR 1.492 (c))</b>     <input type="checkbox"/> IPEA/US gave wholly favorable IPER.....<b>\$100.00</b>     <input type="checkbox"/> All other situations.....<b>\$200.00</b> <div style="text-align: right; margin-top: 5px;"><b>TOTAL OF ABOVE CALCULATIONS :</b></div></div> <div style="margin-top: 5px;">Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(h)).</div> <table border="1" style="width:100%; border-collapse: collapse; margin-top: 5px;"><tr><td style="width:15%;">TOTAL SHEETS</td><td style="width:15%;">EXTRA SHEETS</td><td style="width:35%;">Number of each additional 50 or fraction thereof (round up to a whole number)</td><td style="width:15%;">RATE (1.492(g))</td></tr><tr><td>77 - 100</td><td>/50</td><td></td><td>X <b>\$250.00</b></td></tr></table> <table border="1" style="width:100%; border-collapse: collapse; margin-top: 5px;"><tr><td style="width:15%;">CLAIMS</td><td style="width:15%;">Number Filed</td><td style="width:15%;">Number Extra</td><td style="width:15%;">Rate (1.492 (d-f))</td></tr><tr><td>Total Claims</td><td>- 20 =</td><td></td><td>X \$ <b>50.00</b></td></tr><tr><td>Independent Claims</td><td>- 3 =</td><td></td><td>X <b>\$200.00</b></td></tr><tr><td>Multiple Dependent Claims (if applicable)</td><td></td><td></td><td>+ <b>\$360.00</b></td></tr></table> <div style="text-align: right; margin-top: 5px;"><b>TOTAL OF ABOVE CALCULATIONS =</b></div> <div style="margin-top: 5px;">Reduction of 1/2 for filing by small entity, if applicable. Applicant claims small entity status. See 37 CFR 1.27.</div> <div style="text-align: right; margin-top: 5px;"><b>SUBTOTAL =</b></div> <div style="margin-top: 5px;">Processing fee of <b>\$130.00</b> for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(i)).</div> <div style="text-align: right; margin-top: 5px;"><b>TOTAL NATIONAL FEE =</b></div> <div style="margin-top: 5px;">Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00</b> per property +</div> <div style="text-align: right; margin-top: 5px;"><b>TOTAL FEES ENCLOSED =</b></div>				TOTAL SHEETS	EXTRA SHEETS	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE (1.492(g))	77 - 100	/50		X <b>\$250.00</b>	CLAIMS	Number Filed	Number Extra	Rate (1.492 (d-f))	Total Claims	- 20 =		X \$ <b>50.00</b>	Independent Claims	- 3 =		X <b>\$200.00</b>	Multiple Dependent Claims (if applicable)			+ <b>\$360.00</b>	<table border="1" style="width:100%; border-collapse: collapse;"><tr><th colspan="2" style="text-align: left; padding: 2px;"><b>CALCULATIONS PTO USE ONLY</b></th></tr><tr><td style="width:30%; height: 100px; vertical-align: top; padding: 2px;">\$300.00</td><td style="width:70%; height: 100px;"></td></tr></table>		<b>CALCULATIONS PTO USE ONLY</b>		\$300.00	
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**Payment Method (check one only)**  

a. ☐ A check in the amount of \$\_\_\_\_\_ to cover the above fees is enclosed.

b. ☒ Credit Card Payment Form (PTO-2038), authorizing payment in the amount of \$300.00, is attached.

c. ☐ Please charge my Deposit Account No. **02-4035** in the amount of \$\_\_\_\_\_ to cover the above fees.  
    A duplicate copy of this sheet is enclosed.

**Handling of Fee Deficiencies (check one only)**  

☐ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. **02-4035**. A duplicate copy of this sheet is enclosed.

☒ If a deficiency exists in the basic national fee set by 37 CFR 1.492(a), please charge it to Deposit Account **02-4035**. At this time, no authorization is given to charge any other fees.

**NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.**

Direct all correspondence to the address associated with  
**CUSTOMER NUMBER 001444**, which is currently:

**BROWDY AND NEIMARK, P.L.L.C.**  
**624 NINTH STREET, N.W., SUITE 300**  
**WASHINGTON, D.C. 20001**  
TEL: (202) 628-5197  
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Date of this submission: **March 3, 2005**

SIGNATURE  
**Roger L. Browdy**  
NAME  
**25,618**  
REGISTRATION NUMBER